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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

53

Application Number

09/807,647

Filing Date

April 16, 2001

First Named Inventor

S. Oi

Art Unit

1624

Examiner Name

B. Kifle

Attorney Docket Number

2560 USOP

ENCLOSURES (Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)



Reply to Missing Parts/
Incomplete Application



Reply to Missing Parts
under 37 CFR 1.52 or 1.53



Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a
Provisional Application



Power of Attorney, Revocation
Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD



After Allowance Communication to TC



Appeal Communication to Board
of Appeals and Interferences



Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)



Proprietary Information



Status Letter



Other Enclosure(s) (please identify
below):

Return Postcard

Appendix A (copy of previously submitted
Information Disclosure Statement and copies
of related transmittal papers)

Remarks

The Commissioner is hereby authorized to charge any additional fees which may be required,
or credit any overpayment to Deposit Account 500799.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Signature

Elaine M. Ramesh

Printed name

Elaine M. Ramesh

Date

6/7/05

Reg. No.

43,032

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

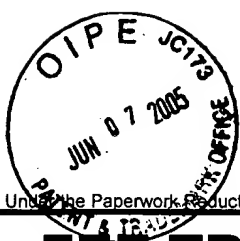
Signature

Typed or printed name

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 120.00

Complete if Known

Application Number 09/807,647
Filing Date April 16, 2001
First Named Inventor S. Oi
Examiner Name B. Kifle
Art Unit 1624
Attorney Docket No. 2560 USOP

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 500799

Deposit Account Name Takeda Chemical Ind. Ltd.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims		-20** =		X 18	=	
Independent Claims		-3** =		X 88	=	
Multiple Dependent				300	=	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	120
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 120.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Elaine M. Ramesh, Ph.D., JD Registration No. 43,032 Telephone 847-383-3391
Signature *Elaine M. Ramesh* Date 6/7/05

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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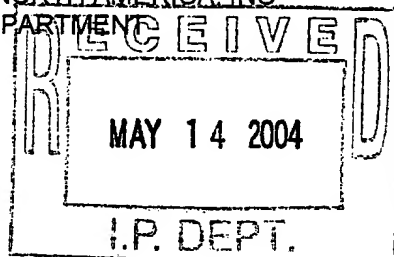


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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/807,647	Satoru Oi	2560USOP

23115
 TAKEDA PHARMACEUTICALS NORTH AMERICA, INC.
 INTELLECTUAL PROPERTY DEPARTMENT
 475 HALF DAY ROAD
 SUITE 500
 LINCOLNSHIRE, IL 60069



INTERNATIONAL APPLICATION NO.	
PCT/JP99/05754	
LA. FILING DATE	PRIORITY DATE
10/19/1999	10/20/1998

CONFIRMATION NO. 2246
 371 ACCEPTANCE LETTER



OC000000012555359

Date Mailed: 05/10/2004

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>04/16/2001</u>	<u>06/29/2001</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 04/16/2001
- Copy of the International Search Report filed on 04/16/2001
- Copy of IPE Report filed on 04/16/2001
- Biochemical Sequence Diskette filed on 04/21/2004
- Oath or Declaration filed on 04/16/2001
- Biochemical Sequence Listing filed on 04/21/2004
- Copy of references cited in ISR filed on 04/16/2001
- U.S. Basic National Fees filed on 04/16/2001
- Priority Documents filed on 04/21/2004

U.S. Patent Application Serial NO. 09/807,647

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

KAYA L LEWIS BALTIMORE

Telephone: (703) 305-3695

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

U.S. Patent Application Serial NO. 09/207,647



**POST OFFICE
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Mo. Day Year 17 01	Military <input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day	Return Receipt Fee
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WASHINGTON DC 20231-0001

Docket #2560 USOP

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Cashier's Name Greg
Stock Unit Id GREGSSA
PO Phone Number 847-634-3260

1. Exp. Mail PO-ADD 0.00
Destination: 20231
Weight: 5lb 4.30oz
Postage Type: None
Total Cost: 27.30
Base Rate: 27.30
Label#: EL784119258US
Corporate Acct.: 600672
Amount Charged: 27.30

Subtotal 0.00
Total 0.00

Number of Items Sold: 1

Thank You
Please come again!

U.S. Patent Application Serial NO. 09/807,647

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

2560US0P

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/JP99/05754

INTERNATIONAL FILING DATE
October 19, 1999

PRIORITY DATE CLAIMED
October 20, 1998

TITLE OF INVENTION

1,5-Benzodiazepine Compounds, Their Production and Use

APPLICANT(S) FOR DO/EO/US

Satoru Oi et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☒ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)). *
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
 - 1) Sequence Listing (Paper & Computer-readable copies)
 - 2) Sequence Listing Statement

* This includes specification 221 total pages, including Claims 1-18 (9 pgs), Abstract (1 pg), and Sequence listing (4 pgs).

Express Mail Label #: EL 784119258US Docket #: 2560US0P
Applicants: Satoru OI et al. Date: 4/16/01

Title: "1.5-Benzodiazepine Compounds, Their Production and Use"

Kindly acknowledge receipt of the accompanying:

- 1) This PTO Return Receipt Postcard
- 2) Transmittal letter (2 pgs X 2)
- 3) A Translation of the International Application into English
[This includes Specification 221 total pages, including Claims 1-18 (9 pgs.),
Abstract (1 pg.), and Sequence Listing (4 pgs.)]
- 4) Executed Declaration
- 5) Information Disclosure Statement with PTO form 1449, and copies of
IDS citations (6), and the International Search Report
- 6) Executed Assignment and assignment cover sheet (and one copy of the
cover sheet)
- 7) Sequence Listing Statement
- 8) Sequence Listing (Paper & Computer-readable copies)

09/807647

Express Mail Label #: EL 784119258US Docket #: 2560US0P
Applicants: Satoru OI et al. Date: 4/16/01

Title: "1.5-Benzodiazepine Compounds, Their Production and Use"

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- 6) Executed Assignment and assignment cover sheet (and one copy of the
cover sheet)
- 7) Sequence Listing Statement
- 8) Sequence Listing (Paper & Computer-readable copies)

JCO7 Rec'd PCT/PTO T 6 APR 2001

U.S. Patent Application Serial NO. 09/807,647

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:	tba	Art Unit:	tba
Filed:	tba	Examiner:	tba
1 st Inventor:	Satoru OI	Allowed:	
For:	1.5-Benzodiazepine Compounds, Their Production and Use	Batch:	
Atty. Dkt. No.	2560 USOP	Paper No.:	

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10

USPS EXPRESS MAIL LABEL. No. EL 784119258 US

DATE IN: April 16, 2001

Itemized Papers/Items:

1. This certificate and a Return Receipt Postcard (2 pgs.)
2. Transmittal Letter for Filing under 35 USC 371 (2 pgs. X 2)
3. English Translation of the International Application as filed in Japanese [This includes Specification 221 total pages, including Claims 1-18 (9 pgs.), Abstract (1 pg.) and Sequence Listing (4 pgs.)]
4. Executed Declaration/Power of Attorney (4 pgs.)
5. Information Disclosure Statement (2 pgs.) with PTO form 1449 (1 pg.), and copies of IDS citations (6), and the International Search Report (2 pgs.)
6. Executed Assignment (2 pgs.) and assignment cover sheet (1 pg. X 2)
7. Sequence Listing Statement (1 pg.)
8. Sequence Listing (Paper & Computer-readable copies) (2 pgs.)

The undersigned hereby certifies that the above itemized papers are together being deposited with the Express Mail Post Office to Addressee service of the United States Postal Service (USPS) in an envelope with sufficient postage, having the USPS Express Mail Label No. shown above, and addressed to:

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on this date, 4/16/01.



Dated: Gail L. Winokur

EL 784119258US

U.S. Patent Application Serial NO. 09/807,647